

## FR

### Vacuum Filter



#### Product Features

- It can effectively prevent solid particles or dust from being sucked into the vacuum pump or vacuum system, reduce the wear of the pump, improve the feasibility of the pump operation, lengthen the pump life, and effectively protect the components of the vacuum system (such as vacuum valve, vacuum meter, etc.)
- All-steel structure, sturdy and durable, suitable for heavy load requirements of industrial use, using seamless stretched metal shell, with copper welded joints, high air tightness, large scale space, easy to clean, easy to replace the filter element, fast inlet and outlet using Threaded connection, can be matched with special nozzles according to customer requirements, sealed with O-rings, the maximum vacuum value is lower than 1Pa Standard configuration of paper filter element, nominal filtration rating reaches 99% (10 μ m rating), passing gas temperature-15~90 °C .
- Different nominal flow specifications are available.

#### How to Order?

Series No.	Nominal Flow
FR: FR Series	002: 32m <sup>3</sup> /h 002-1: 42m <sup>3</sup> /h 003: 100m <sup>3</sup> /h 004: 120m <sup>3</sup> /h 006: 300m <sup>3</sup> /h

**Order Example:** FR Series Vacuum Filter, Nominal flow 32m<sup>3</sup>/h. Order code is: FR002

#### Performance Overview

- Suit for dusty environments with filter precision reaches 99%.
- It can effectively filter the air and protect vacuum protect devices (such as vacuum pumps and blowers).

#### Specifications

Model No	FR002	FR002-1	FR003	FR004	FR006
Rated Theor <sup>m</sup> ³/h	32	42	120	100	300
A Inch Size	G1/2"	G3/4"	G1-1/4"	G1-1/4"	G2"
B Inch size	G1/2"	G3/4"	G1-1/4"	G1-1/4"	G2"
C	Ø101	Ø101	Ø185	Ø146	Ø222
D	90	90	170	140	258
G	53	53	115	70	125
Weight (Kg)	1	1	2.3	1.4	6.9
Filter Consumption Material	FR002-LX	FR002-LX	FR003-LX	FR004-LX	FR006-LX
Outer Diameter (D)	Ø65	Ø65	Ø128	Ø98	Ø150
Internal Diameter(d)	Ø38	Ø38	Ø64	Ø60	Ø88
Height(H)	69	69	125	70	222

Dimension A、B is pipe thread G: US-NP UK-BSP

#### Main Dimension

